

As of 3/28/2012 what we, COF Planning and Engineering, have developed for the approval of a mass grading permit.

Requirements for consideration of a mass grading permit

1. Time table required for substantial completion and returning vegetated cover to previous condition.
2. Surety amounts posted for erosion control and revegetation.
3. Tree preservation plan (Surety amounts for tree replacement)
4. Calculation of specimen trees to be removed and replaced; if specimen trees are to be removed a unified site is required.
5. A letter of sewer availability
6. Phasing plan
7. Floodplain development permit, Floodplain Alteration Calculations (Cut/Fill balance)
8. Stormwater Pollution prevention plan
 - a. Erosion Control, Sediment Prevention Phasing Plan. NO more than 50 acres disturbed at one time.
 - b. Location of staging areas
 - c. Site Cut/Fill balance
 - d. If site does not balance provide Erosion Control and phasing for the stockpile or borrow area.
9. TDEC CGP Permit NOC and ARAPs
10. Stream buffers and stream top of bank must be clearly marked.
11. Stream crossings ?? At this time we need additional information to know how to approach this.

Minimum Standards During Construction

The area of disturbed and exposed soil must be carefully monitored.

The measured area of disturbed and exposed soil must be maintained at a minimum amount required.

In particular, soil stockpiles will have appropriate erosion control measures installed at the perimeter of the stockpile, and temporary or permanent seeding/stabilization measure employed throughout the construction period. These measures will be regularly inspected and maintained per the requirements of the erosion control and stormwater construction permits issued for the project and in accordance with good construction practices.

The Contractor shall instruct all vehicles to remove soil and loose material from their wheels and undercarriages when leaving the work area. The Contractor shall remove all soil, miscellaneous debris, or other material spilled, dumped, or otherwise deposited on public streets, highways, sidewalks or other public thoroughfares by vehicles in transit to and from the work area. The Contractor shall sweep street areas adjacent to construction at the end of each workday.

The Contractor shall construct filter barriers as required or as directed by the Engineer to prevent sediment carrying runoff from entering any drainage channel, storm water conveyance facility or natural waterway.

Since each construction site is different, soil erosion and sedimentation control is site specific. The Contractor shall regard the specifications and regulations noted herein, as a minimum standard. This shall be adjusted to the specific site as a result of field investigations. During the course of construction, adjustments may be made if necessary to adapt to changing conditions, complaints, or advice from regulatory agencies.

Soil erosion and sedimentation control measures shall be implemented prior to commencement of earth moving activities. The plan shall be strictly adhered to, and the Contractor shall maintain, in good condition, all erosion and sediment control measures until permanent soil cover has been established, at which time they are to be removed.

The Contractor shall place topsoil, to a minimum depth of 4 inches, on those areas which have been disturbed. The topsoil shall be raked and trimmed to true lines, free from unsightly variations, humps, or ridges. Top the soil with seed, fertilizer and mulch.

Silt fences and filter barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.

The Contractor shall not disturb or uproot trees or vegetation outside the work limits as shown on the drawings.

Slopes will not be steeper than 3:1 on stockpiles.